Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061721\
Data File : BP005965.D
Acq On : 17 Jun 2021 14:50
Operator : CG/JU
Sample : PB137164BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB137164BS

Manual Integrations APPROVED
mohammad
6/18/2021 1:02:43 PM

Quant Time: Jun 17 15:30:44 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 11:35:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	73995	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	298772	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	187804	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	387860	20.000	ng		0.00
76) Chrysene-d12	21.374	240	457484	20.000	ng		0.00
86) Perylene-d12	23.786	264	512554	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	624044	135.328	ng		0.00
7) Phenol-d6	7.104	99	740588	123.907	ng		0.00
23) Nitrobenzene-d5	9.092	82	466224	76.505	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	394211	122.317	ng		0.00
45) 2-Fluorobiphenyl	13.186	172	1107287	77.422	ng		0.00
79) Terphenyl-d14	19.851	244	1855167	75.932	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.363	88	70119	33.657	ng		100
3) Pyridine	3.775	79	170037	34.726	ng		99
4) n-Nitrosodimethylamine	3.687	42	88332	38.810	ng		86
6) Aniline	7.257	93	209322	31.369	ng		99
8) 2-Chlorophenol	7.493	128	236567	44.743	ng		98
9) Benzaldehyde	7.069	77	48610	19.078	ng		98
10) Phenol	7.128	94	281980	47.226	ng		98
11) bis(2-Chloroethyl)ether	7.351	93	201250	44.480	ng		99
12) 1,3-Dichlorobenzene	7.816	146	252516	42.712	ng		99
13) 1,4-Dichlorobenzene	7.963	146	257643	42.733	ng		99
14) 1,2-Dichlorobenzene	8.281	146	245014	42.515	ng		98
15) Benzyl Alcohol	8.175	79	196185	43.578	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.457	45	173913	41.581	ng		98
17) 2-Methylphenol	8.381	107	187382	46.060	ng		99
18) Hexachloroethane	9.004	117	92294	42.320	ng		98
19) n-Nitroso-di-n-propyla...	8.740	70	156480	42.557	ng		95
20) 3+4-Methylphenols	8.710	107	253760	46.178	ng		98
22) Acetophenone	8.757	105	333415	42.398	ng	#	98
24) Nitrobenzene	9.134	77	241827	38.215	ng		99
25) Isophorone	9.663	82	416899	37.045	ng		99
26) 2-Nitrophenol	9.845	139	122007	40.409	ng		97
27) 2,4-Dimethylphenol	9.910	122	211965	47.123	ng		98
28) bis(2-Chloroethoxy)met...	10.145	93	256343	43.644	ng		99
29) 2,4-Dichlorophenol	10.387	162	221123	40.906	ng		99
30) 1,2,4-Trichlorobenzene	10.592	180	236448	38.928	ng		100
31) Naphthalene	10.781	128	688727	39.841	ng		99
32) Benzoic acid	10.081	122	129269	39.626	ng		97
33) 4-Chloroaniline	10.898	127	131869	18.883	ng		99
34) Hexachlorobutadiene	11.063	225	156865	38.182	ng		98
35) Caprolactam	11.698	113	68498m	43.992	ng		
36) 4-Chloro-3-methylphenol	12.028	107	238863	43.518	ng		99
37) 2-Methylnaphthalene	12.386	142	501744	40.766	ng		99
38) 1-Methylnaphthalene	12.604	142	462539	39.897	ng		99
40) 1,2,4,5-Tetrachloroben...	12.757	216	273031	41.302	ng		99
41) Hexachlorocyclopentadiene	12.733	237	291785	87.309	ng		98
43) 2,4,6-Trichlorophenol	12.998	196	180635	39.838	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	200718	41.104	ng	95
46) 1,1'-Biphenyl	13.392	154	636999	42.067	ng	100
47) 2-Chloronaphthalene	13.433	162	492549	39.835	ng	99
48) 2-Nitroaniline	13.645	65	135544	41.692	ng	94
49) Acenaphthylene	14.280	152	786487	41.460	ng	99
50) Dimethylphthalate	14.022	163	635292	41.142	ng	99
51) 2,6-Dinitrotoluene	14.139	165	141621	40.352	ng	99
52) Acenaphthene	14.622	154	459584	39.894	ng	99
53) 3-Nitroaniline	14.469	138	86946	25.560	ng	98
54) 2,4-Dinitrophenol	14.680	184	134153	65.223	ng	97
55) Dibenzofuran	14.951	168	731520	38.613	ng	98
56) 4-Nitrophenol	14.786	139	230121	83.462	ng	95
57) 2,4-Dinitrotoluene	14.927	165	195574	41.664	ng	96
58) Fluorene	15.604	166	594694	40.288	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	177475m	41.238	ng	
60) Diethylphthalate	15.374	149	642328	41.461	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	304733	39.812	ng	97
62) 4-Nitroaniline	15.633	138	143369	40.948	ng	95
63) Azobenzene	15.886	77	544227	38.829	ng	98
65) 4,6-Dinitro-2-methylph...	15.686	198	95915	33.651	ng	96
66) n-Nitrosodiphenylamine	15.810	169	526159	40.908	ng	98
67) 4-Bromophenyl-phenylether	16.492	248	201828	40.542	ng	98
68) Hexachlorobenzene	16.610	284	244131	40.913	ng	96
69) Atrazine	16.763	200	201895	50.453	ng	98
70) Pentachlorophenol	16.957	266	296661	89.412	ng	99
71) Phenanthrene	17.345	178	948402	40.717	ng	100
72) Anthracene	17.433	178	968455	42.246	ng	99
73) Carbazole	17.704	167	900472	40.913	ng	99
74) Di-n-butylphthalate	18.251	149	1102388	43.230	ng	100
75) Fluoranthene	19.304	202	1176933	41.607	ng	99
77) Benzidine	19.486	184	396848	41.689	ng	100
78) Pyrene	19.657	202	1220583	38.218	ng	99
80) Butylbenzylphthalate	20.521	149	540018	41.099	ng	98
81) Benzo(a)anthracene	21.362	228	1316571	39.868	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	347643	30.449	ng	99
83) Chrysene	21.409	228	1282478	40.095	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	812244	42.150	ng	99
85) Di-n-octyl phthalate	22.198	149	1458939	42.321	ng	99
87) Indeno(1,2,3-cd)pyrene	26.327	276	1870322	42.671	ng	99
88) Benzo(b)fluoranthene	23.051	252	1522340	43.365	ng	99
89) Benzo(k)fluoranthene	23.098	252	1426901	41.917	ng	99
90) Benzo(a)pyrene	23.680	252	1447779	43.866	ng	98
91) Dibenzo(a,h)anthracene	26.345	278	1612863	42.753	ng	99
92) Benzo(g,h,i)perylene	27.109	276	1568199	42.080	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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